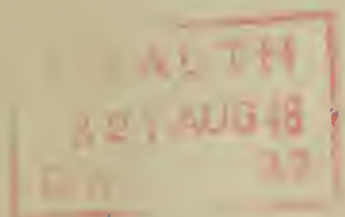


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WORTHING RURAL DISTRICT.  
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ANNUAL REPORT  
of the  
MEDICAL OFFICER OF HEALTH  
for the year  
1945  
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BY  
ROBERT HEYWOOD WILSHAW  
M.D., M.R.C.P., D.P.H.  
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WORTHING RURAL DISTRICT COUNCIL.

10, Bulkington Avenue,

Worthing.

July 1946.

Ladies & Gentlemen,

Annual Report 1945.

This report is prepared in accordance with the instructions of the Ministry of Health contained in Circular 28/46 and is on the lines of the 1944 report.

GENERAL STATISTICS.

Area (Acres) 29,779

Resident Population (1945) estimated by the Registrar General, 24,260

Rateable Value (1945) £286,193

Sum represented by ld. rate, £1,095

No. of inhabited houses (end of 1945) according to Rate Books, 8,996

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Live Births -	Total	M.	F.	Pirth Rate per 1,000 of the estimated resident population, 16.19
Legitimate ...	339	187	152	
Illegitimate ...	54	26	28	
Stillbirths ...	8	4	4	Rate per 1,000 total (live and still) births 19.95
Deaths ...	367	181	186	Death Rate per 1,000 of the estimated resident population 15.13

Deaths from diseases and accidents of pregnancy and childbirth :-  
From Sepsis - Nil      From other causes - Nil.

Death rate of Infants under one year of age :-  
All Infants per 1,000 live births - 38  
Legitimate Infants per 1,000 legitimate live births - 35  
Illegitimate Infants per 1,000 illegitimate live births - 56

Deaths from Cancer (all ages) 63  
Deaths from Measles (all ages) Nil  
Deaths from Whooping Cough (all ages) Nil  
Deaths from Diarrhoea (under two years of age) 1

COMPARATIVE STATISTICS 1945

	England & Wales	West Sussex Urban	Rural	Worthing.
Birth Rate ...	16.1	15.67	16.67	16.19
Death Rate ...	11.4	16.62	13.55	15.13
Infantile Death Rate ...	46	35	36	38
Pulmonary Tuberculosis Death Rate ...	0.52	0.43	0.37	0.29
Cancer Death Rate ...	1.95	2.66	2.26	2.59
Zymotic Death Rate ...		0.08	0.07	0.04
Maternal Mortality Rate per 1,000 births	1.79	1.7	0.5	0.0

PREVALENCE AND CONTROL OF INFECTIOUS DISEASE.

During the year the following cases of infectious disease were notified :-

		Total Cases notified	Cases admitted to Hospital	Total Deaths.
Scarlet Fever	...	58	33	0
Diphtheria	...	1	1	0
Corobro-Spinal Fever	...	1	1	0
Measles	...	244	2	0
Whooping Cough	...	38	0	0
Pneumonia	...	6	0	10
Erysipelas	...	1	0	0
Dysentery	...	14	0	0
Puerperal Pyrexia	...	4	0	0

Scarlet Fever.

The 58 cases of Scarlet Fever occurred during the year as follows:-

Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
4	5	16	6	3	1	4	-	5	8	3	3

Diphtheria Immunisation.

Diphtheria Immunisation has again been carried out during the year by the County Council. At the end of the year the position was as follows :-

	Estimated population Mid-year 1945.	Total number of children immunised.
Under 5 years of age ...	2,050	1,037
5 - 14 years of age ...	3,400	2,729

One case of Diphtheria occurred during the year.

Scabies.

During the year 133 cases of Scabies were brought to the notice of the Public Health Department, namely :-

45 adults  
42 school children  
26 children under school age

Treatment was carried out as follows :-

Tetmosol	...	72 cases
Tetmos Cream	...	38 cases
Benzyl Benzoate Emulsion	...	3 cases

Clothes and bedding were disinfected by washing or hot ironing.



Tuberculosis.

New Cases and Mortality.

Age Periods.	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	1	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	1	3	-	-	-	1	-	-
20	1	1	-	-	-	-	1	-
25	-	2	-	-	2	-	-	-
35	2	-	1	1	2	-	1	-
45	-	-	-	-	1	-	-	-
55	2	-	-	-	-	1	-	-
65 and upwards	-	1	-	-	-	-	-	-
Totals	7	7	1	1	5	2	2	-

SANITARY CIRCUMSTANCES

OF THE AREA.

Water.

There are three public water supplies in this area, namely, Brighton Corporation Supply, Worthing Corporation Supply and Littlehampton U.D.C. Supply, and three private supplies, namely Arundel Estate Supply, Kingston Estate Supply and Rustington Sea Estate Supply. Ten of the parishes in the district have public water supply and the remaining seven parishes have piped supplies to a varying extent from private sources.

Five samples of water from Public Supplies were sent for bacteriological examination during the year. These were from supplies owned by private Companies. No samples were taken from Public Main Supplies as these are regularly sampled by the Brighton, Littlehampton and Worthing Local Authorities. The results were as follows :-

<u>Raw Water.</u>	Kingston Estate Supply.	1 sample.	Satisfactory
	Rustington Sea Estate Supply.	1 sample.	Unsatisfactory

<u>Water after treatment.</u>	Arundel Estate Supply	3 samples	Satisfactory.
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Rustington Sea Estate Supply - During June a sample of water taken from this supply produced an unsatisfactory result, and this was brought to the attention of the Company concerned. Further investigation was made into the matter, with the result that it became necessary either to carry out extensive works to Bore No.1, or to seal off this Bore and put it out of use for water supply purposes. After some consideration of the matter, the latter course was finally taken and arrangements made to supplement the supply from Bore No.2 from the Council's mains should that become necessary. Further samples taken by the Company from Bore No.2 have shown continuous satisfactory results.

The water is not liable to have plumbo-solvent action.

All houses obtaining water from a piped supply are served direct. The number of dwelling-houses supplied is 8,655 and the number of population supplied is 23,368.

## Sewers.

There were no important extensions of existing sewers or disposal works made during the year.

## Public Cleansing.

(a) House Refuse. The fortnightly collection of house refuse instituted in 1941 owing to petrol shortage continues to be satisfactory. Monthly collection is still continued in the seven outlying rural parishes. The Council undertake both collection and disposal by direct labour. Disposal is by controlled tipping at refuse tips situated respectively at Rustington and Sompting. At the latter place the new Tip and Salvage Depot is now in full and satisfactory operation.

(b) Coss-pools. There is, outside the sewered area, public scavenging of coss-pools at Lancing, and a limited public scavenging twice per annum for the outlying houses in the parishes of Rustington, Angmering and East Preston.

(c) Rivers and Streams. It has not been found necessary for any action to be taken in respect of pollution of rivers and streams in the area.

## SANITARY INSPECTION OF THE AREA.

### Housing.

No new houses were built during 1945.

#### 1. Inspection of dwelling-houses during the year.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts).	...	980
	(b)	Number of inspections made for the purpose	...	1382
(2)	(a)	Number of dwelling-houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932.	...	474
	(b)	Number of inspections made for the purpose	...	506
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	35
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	433

#### 2. Remedy of defects during the year without service of formal notice :-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	...	278
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#### 3. Action under Statutory Powers during the year :-

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.		
1.	Number of dwelling-houses in respect of which notices were served requiring repairs.	...	2
2.	Number of dwelling-houses which were rendered fit after service of formal notices -		
	(a) By Owners	...	2
	(b) By Local Authority in default of owner	...	0



(b) Proceedings under Public Health Acts.

1. Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	1
2. Number of dwelling-houses in which defects were remedied after service of formal notice -		
(a) By Owners	...	4
(b) By Local Authority in default of owner	...	1

(c) Proceedings under Sections 11 and 13 of the Housing Act 1936.

(d) Proceedings under Section 12 of the Housing Act 1936.

There were no proceedings under C or D.

4. Overcrowding.

(a)	i. No. of dwellings overcrowded at the end of the year	...	26
	ii. No. of families dwelling therein	...	42
	iii. No. of persons dwelling therein	...	206
(b)	No. of new cases of overcrowding reported during the year (found during Rural Housing Survey)	...	25
(c)	i. No. of new cases of overcrowding relieved during the year	...	0
	ii. No. of persons concerned in such cases	...	0
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...	4
(e)	Summary of action taken during the year in respect of overcrowded houses found during the Overcrowding Survey under the Housing Act 1935 and since its completion :		

Reported Overcrowding.	Overcrowding abated.	Remaining overcrowded.	No. of families affected	No. of persons affected.
105	79	26	136	881

Moveable Dwellings.

At the end of the year there were in the district 4 licensed sites.

36 visits were made to camping sites and 19 visits to individual moveable dwellings.

During the year it became obvious that camping sites throughout the district would again be needed, and in view of the possibility of applications coming to hand, the conditions to be applied to all applications for Moveable Dwelling Site Licences were reviewed and brought up to date in the light of information acquired since the commencement of the licensing of camping under the Public Health Act, 1936.

Shops Act.

No. of shops in the district	...	438
No. of inspections of shops	...	421
No. of shops where contraventions found	...	42
No. of shops where contraventions remedied	...	7
Contraventions remedied :		
Sanitary conveniences provided	...	1
Other improvements	...	9

No applications were made under Section 10 (6) for exemption from Section 10 (2) of the Act.

Workplaces and Offices.

No. of workplaces	...	107
No. of offices	...	57
No. of inspections	...	167
No. of contraventions found	...	15
No. of contraventions remedied	...	19

Factorios.

No. of factories with mechanical power	...	43
No. of factories without mechanical power	...	39
No. of factories closed temporarily	...	23

<u>Inspections made:</u>		Inspections	Notices Served.
Factorios with mechanical power	...	65	16
Factorios without mechanical power	...	57	6
Other premises	...	0	0
Total		122	22

<u>Defects found:</u>		Found.	Remedied.
Want of cleanliness	...	9	9
Insufficient ventilation	...	1	1
Insufficient, unsuitable or defective sanitary accommodation	...	9	9
Other offences	...	14	14
Total		33	33

There are 4 outworkers in the district.

INSPECTION AND SUPERVISION OF FOOD.

Milk. Milk and Dairies Order 1926.

No. of Dairymen (Cowkeepers and Milksellers) in the District	...	71
No. of those registered as Wholesalers only	...	38
No. of those registered as Retailers only	...	25
No. of those registered as both Wholesalers and Retailers	...	8
No. of farms where cowkeeping discontinued	...	1
No. of Dairymen (Cowkeepers and Milksellers) registered 1945	...	3
No. of inspections made :-		
1. Cowsheds	...	297
2. Milkshops	...	298
No. of inspections during milking time	...	277
No. of contraventions of the Act and Orders found	...	53
No. of contraventions remedied including those previously outstanding and periodic cleansing	...	113

Water Supply to Dairy Premises.

	Public Supply.	Private Supply.	Well Water.
Cowsheds	26	6	14
Dairies and Milkshops	25	0	0

Milk (Special Designations) Orders, 1936 and 1938.

No. of licences granted by the County Council :		
(1) To produce Tuberculin Tested Milk	...	4
(2) To produce Accredited Milk	...	27
(3) To bottle Tuberculin Tested Milk	...	2
(4) To bottle Accredited Milk	...	0



No. of Licences granted by the Sanitary Authority :

(1) To bottle (a) Tuberculin Tested Milk	...	1
(b) Accredited Milk	...	0
(2) To pasteurise milk	...	0
(3) To retail Milk using the designation :		
(a) Tuberculin Tested Milk	...	4
(b) Accredited Milk	...	0
(c) Pasteurised Milk	...	6
(d) No. of supplementary Licences to retail		
(i) Tuberculin Tested Milk	...	3
(ii) Pasteurised Milk	...	0

Legal Proceedings.

No. of summonses issued under the Acts and Orders	...	Nil
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Bacteriological Examination of Milk.

	Tuberculin Tested	Accredited.	Pasteurised	Ordinary
Taken by County Council	25	176	5	0
Taken by other Local Authorities	1	0	0	0
Taken by own Sanitary Authority	6	36	1	18
Total number taken	32	212	6	18
	Tuberculin Tested	Accredited.	Pasteurised	Ordinary
<u>Methylene Blue Test.</u>				
No. complying with standard	23	151	5	0
No. not complying with standard	2	25	0	0
<u>Coliform Test.</u>				
No. satisfying test	0	6	0	0
No. not satisfying test (present in 3 tubos)	1	0	0	0
<u>Phosphatase Test.</u>				
No. satisfying test	0	0	6	0
No. not satisfying test	0	0	0	0
<u>Animal Inoculation for presence of Tubercle Bacilli</u>				
No. satisfying test	6	35	0	17
No. not satisfying test	0	1	0	1

Ice Cream

No. of premises licensed for manufacture	...	11
No. of premises licensed for manufacture and sale	...	53
No. of inspections of premises where Ice Cream sold	...	53
No. of samples taken	...	3

During 1945 the sale of Ice Cream gradually increased, being much accelerated in one parish due to the establishment of a fairly large Ice Cream Factory. It was at these premises that the above mentioned samples were taken, and although satisfactory there were indications that improvement in sterilisation of utensils was necessary. This was put in hand, and as a result the conditions are now satisfactory. During 1946 it is hoped to carry out systematic sampling of all Ice Cream manufactured in the district, both at places of manufacture and from Traders' barrows.

Meat. Slaughterhouses and Meat Shops.

No. of Meat shops in the district	...	18
No. of slaughterhouses in the district	...	5
No. licensed	...	4
No. of inspections of Slaughterhouses under Meat Regulations	...	16
No. of inspections at Butcher Shops under Meat Regulations	...	489
No. of Notices served for contraventions of Byelaws	...	7
No. of Notices complied with	...	3

Bakchouses.

No. of bakchouses in the district	...	17
No. underground	...	0
No. of inspections	...	38
No. of Notices served for sanitary defects	...	3
No. of Notices complied with	...	3

Other Foods.

Foods diseased, unsound, etc., other than under Meat Regulations :

No. of parcels of food surrendered	...	88
No. of seizures	...	0
No. of summonses issued	...	0

INFESTATION.

Eradication of Bed Bugs.

(1) Council Houses :-

(a) Found to be infested	...	1
(b) Disinfested	...	1

(2) Other Houses :-

(a) Found to be infested	...	1
(b) Disinfested	...	1

In the cases where it has been found necessary to take action the use of D.D.T. solution was introduced, and when incorporated with a suitable base, has proved undoubtedly the most efficient method yet adopted in this district. Satisfaction has been given not only in the case of bed bugs but also in the case of other vermin infestation.

When toxic gases are used, the work of fumigation is carried out by the staff of the firm of Fumigators employed, but if the method used is fumigation by use of insecticide, or by gases other than toxic gases, the work of disinfestation is carried out by the Council.

Rats and Mice (Destruction) Act, 1919.

A full-time Rodent Operator was appointed for the district in 1944. In addition to dealing with complaints from the public, continued surveillance has been kept at the Council's Refuse Tip and Salvage Depot, and other Local Authority premises. Excellent work is being carried out in all cases and in particular at the Refuse Tip.

The methods used in dealing with all infestations have been in accordance with the technique recommended by the Ministry of Food, and have proved very successful.

No. of inspections made	...	1439
Complaints made by the Public	...	131
Infestations found as a result of the above	...	135
Infestation found by the Public Health Department	...	55
Total number of premises where nuisances found	...	190
Premises where nuisance remedied	...	170
Premises where work in progress	...	31
Total number of rats found dead	...	801
Total number of rats estimated destroyed	...	3599
Total number of mice trapped or otherwise destroyed	...	613

SCHOOLS.

No. of schools in the district	...	14
No. with Public Water Supply	...	13
No. with well Supply (piped)	...	1
No. with water closets (separate pedestal)	...	10
No. with earth closets	...	3
No. with privy closets	...	1

SUMMARY.

Total number of inspections made for all		
	purposes	... 10,877
Total number of notices served.	Informal	... 1,297
	Statutory	... 8
Total number of summonses issued		... Nil
Complaints investigated		... 264

RECORDS.

All records, including statistics supplied by the Registrar General, are being carefully preserved in order that a complete report can be made when the Minister so desires.

I am, Ladies and Gentlemen,

Your obedient Servant,

R. H. WILSHAW.

Medical Officer of Health.

To the Chairman and Members of the  
Worthing Rural District Council.



